

Chakhava, O. V.
PENETRATION OF ANTIMIOTICS INTO HISTIOCYTIC
MACROPHAGES AND THEIR EFFECT ON
PHAGOCYTOSED BACTERIA. [1963] [12p] 19ref
FASEB manuscript no. S 184-3.
Order from OTS, SLA, or ETC \$1.60 TT-64-13503
figs. available on loan from OTS
Trans. of Antibiotiki (USSR) 1963, v. 8, no. 1,
p. 53-57.

DESCRIPTORS: *Absorption (Biological), *Antibiotics,
*Reticuloendothelial system, Drugs, Bacteria,
Phagocytosis, Penicillins, Streptomycin,

(Biological Sciences--Pharmacology, TT, v. 11, no. 9)

TT-64-13503

- I. Chakhava, O. V.
- II. FASEB-S-184-3
- III. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Reshetov, P. D., Blinov, N. O., and Khokhlov, A. S.
CHROMATOGRAPHIC COMPARISON OF POLYMYCIN
WITH CERTAIN STREPTOTHRICIN ANTIBIOTICS.
[1963] 8p.

Order from ATS \$7.65

ATS-69Q69R

Trans. of *Antibiotiki (USSR) 1963, v. 8, no. 1,
p. 104-110.

DESCRIPTORS: *Antibiotics, *Chromatographic
analysis, Drugs, *Streptomycins.

(Biological Sciences--Pharmacology, TT, v. 10, no. 8)

63-17756

1. Title: Polymycin
2. Title: Streptothricin
- I. Reshetov, P. D.
- II. Blinov, N. O.
- III. Khokhlov, A. S.
- IV. ATS-69Q69R
- V. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Egorov, G. N.

THE DYNAMICS OF THE CHANGES IN THE TISSUE
OXIDATION-REDUCTION PROCESSES AFTER
PARENTERAL ADMINISTRATION OF STREPTOMY-
CIN. [1963] [10p] 6 refs FASEB manuscript no. S 286-3.
Order from OTS, SLA, or ETC \$1.10 TT-63-24501

Trans. of Antibiotiki (USSR) 1963, v. 8, no. 2,
p. 144-147. (Abstract available)

DESCRIPTORS: *Oxidation-reduction reactions,
Tissues (Biology), Drugs, Antibiotics, *Streptomycin,
*Parenteral infusions, *Cytochrome oxidase.

A decrease in the dehydrating capacity of tissues and
an increase of the activity of tissue cytochrome oxidase
were observed after a triple parenteral administration of
streptomycin sulfate (25 units/g once a day) to healthy
white mice. The increase can be considered as a com-
(Biological Sciences--Pharmacology, TT, v. 11, no. 5)

TT-63-24501

- I. Egorov, G. N.
- II. FASEB-S-286-3
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
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Therapeutic Effect of Neomycin in Experimental
Tularemia, by E. M. Tsvetkova.
RUSSIAN, per, Antibiotiki, Vol VIII, No 2, 1963, pp 152, 153.
9220102

USDA Tr KK V-1897

Sci - Biol & Med SCI
Mar 64

251,281

Changes in Sensitivity of Coli-enteritis Pathogens
to Antibiotics and Nitrofurans in Dnepropetrovsk
in 1956-1961, by A. D.K Kovalenko, N. F. Gamalei, 9 pp.

RUSSIAN, per, Antibiotiki, Moscow, YXXXXXX No 8,
1963, pp 283-287.

CIA/FDD XX-1457
No Foreign Dissem

Sci - Biol & Med Sci
Oct 63
USIB Internal Use Only

241, 301

A Study of Chlortetracycline Drugs by the
Method of Countercurrent Distribution, by
V. M. Baikina, V. B. Korchagin, 7 pp.

RUSSIAN, per, Antibiotiki, Vol VIII, No 4,
1963. pp 314-319.

ATS RJ-4172
n 37672R

Sci-Biol & Med Sci
Dec 63

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Fractionation of Albofungin and the Antibiotic No. 660-
15, by G. S. Rozenfeld, 12 pp.
RUSSIAN, per, Antibiotiki, Vol 8, No 4, 1963,
pp 320-326.
NTIS TT 70-57136

Apr 72

Curariform Action of Colirycain, by
S. I. Zolotukhin.
RUSSIAN, per, Antibiotiki, Vol 8, No 4,
1963, pp 354-358.
NEW NIH
9-7-68

Sci/B&M
Nov 68

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TT-63-20948

Voevodin, E. N.
THE PRODUCTION OF ANTIBIOTICS IN THE U.S.A.
(Proizvodstvo Antibiotikov v S. Sh. A.) [1963] 7p
Order from OTS, SLA, or ETC \$1.10 TT-63-20948

I. Voevodin, E. N.

Trans. of Antibiotiki (USSR) 1963, v. 8, no. 4,
p. 373-376.

(Biological Sciences--Pharmacology, TT, v. 11, no. 12)

Office of Technical Services

Moroz, A. F. and Shibaeva, I. V.
DEVELOPMENT OF BACTERIAL RESISTANCE TO
THE ERYTHROMYCIN GROUP OF ANTIBIOTICS.
[1963] [15p]
FASEB manuscript no. S 560-3.
Order from OTS, SLA, ... TT-64-13433

Trans. of Antibiotid (USSR) 1963, v. 8, no. 4,
p. 449-456.

(Biological Sciences--Pharmacology, TT, v. 11, no. 11)

TT-64-13433

- I. Moroz, A. F.
- II. Shibaeva, I. V.
- III. FASEB-S-560-3
- IV. Federation of American
Societies for Experimental Biology, Wash-
ington, D. C.
- V. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Certain Peculiarities of the Adaptation Process to
Streptomycin in Various Strains of Pasteurella
Pestis on Nutrient Media, 9 pp.
RUSSIAN, per, Antibiotiki, Vol VIII, No 5, 1963,
pp 444-449. 9222786
US Army Biol Lab
Tr No 980

Sci - Biol & Med Sci
Jul 64

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Sensitivity of Staphylococci Isolated in Kiev in 1961-1962,
to Certain Antimicrobial Drugs, by T. M. Bass, 10 pp.
RUSSIAN, per, Antibiotiki, No. V, 1963, pp 472-477.
CIA/FDD XX-1520
NO FOREIGN DISSEM

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Apr 64
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Nucleotide Composition of a Penicillin-Resistant
Staphylococcus Albus, by V. V. Ignatov. 8 pp.
RUSSIAN, per, Antibiotiki, Vol 8, No 6, 1963,
pp 503-507.
SLA TT-64-19247

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Jul 66

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Comparative Efficacy of Erythromycin Base and
Erythromycin Ascorbate in Experimental Meningitis,
by V. F. Imshenetskaya. 7 pp.

RUSSIAN, per, Antibiotiki, Vol 8, No 6, 1963,
pp 533-535.

SLA TT-64-19219

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Jul 66

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Effect of Antibiotics on the Lymphoid Organs of
Experimental Animals, by V. I. Goncharova. 12 pp.
RUSSIAN, per, Antibiotiki, Vol 8, No 7, 1963,
pp 604-609.
SLA TT-64-19292

Sci/B&M
Jul 66

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Tissue Culture Investigation of Antivirus Properties of Actinomycetes Isolated From Ukrainian Soil, by N. M. Ozeryanskaya, N. A. Zadorozhnaya.

11 pp

RUSSIAN, per, Antibiotiki, Vol 8, No 7, 1963, pp 611-613.

SLA-TT-64-19293

Sci/B&M

Jul 66

305,928

THE USE OF TETRACYCLINE ANTIBIOTICS IN EXPERIMENTAL
RADIATION SICKNESS, BY A. M. DUMOVA, O. O. CHIRKOVA,
9 PP.

RUSSIAN, PER, ANTIBIOTIKI, VOL VIII, NO 8, 1963,
PP 723-728.

JPRS 21189

SCI-BIOL-MED
OCT. 63

344,402

OTS-63-31813-\$1.50
OTS-64-19216-\$1.60

Barkalaya, A. I. and Prokhorova, A. M.
THE TRANSPLACENTAL SIDE-EFFECTS OF
TETRACYCLINES ON THE RABBIT FETUS. [1963]
Sp

Order from ATS \$6.95

ATS-56Q72R

Trans. of *Antibiotiki (USSR) 1963, v. 8, no. 8,
p. 728-732.

DESCRIPTORS: *Toxicity, *Placenta, Drugs,
*Embryos, Rabbits, *Tetracyclines,

(Biological Sciences--Pharmacology, TT, v. 11, no. 3)

TT-64-12065

I. Barkalaya, A. I.
II. Prokhorova, A. M.
III. ATS-56Q72R
IV. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Characteristics of Distribution of Antibiotics
in the Organs and Tissues of the Chick Embryo,
by T. M. Kokhanovskaya.
RUSSIAN, per, Antibiotiki, Vol 8, No 9, 1963,
pp 816-821.
ATS RJ-5506

Sci-B&M
June 70

S-928/63

Antimicrobial Activity of Phytoncidin, a Medicinal
Preparation From Garlic, by M. Ya. Spivak,
N. A. Argudyayeva. (NY-7880)

RUSSIAN, per, Antibiotika, Vol VIII, No 9, 1963,
pp 832-833.

*JPRS

Sci - Biol & Med Sci
Oct 63

S-998/63

The Role of Hydrogen Ion Concentration in Studying
the Phytoncidal Effect of Tissue Juices, by
R. P. Firchuk. (NY-7880)

RUSSIAN, per, Antibiotika, Vol VIII, No 9, 1963,
pp 833-835.

*JPRS

Sci - Biol & Med Sci
Oct 63

The Production and a Comparative Study of
the Racemate and the Stereoisomers of
Cycloserin, by G. Ya. Kivman and
G. M. Shel'nikova,
RUSSIAN, per, Antibiotiki, Vol VIII, No 9,
1965, pp 845-860.
NLI RTS 3332
(On Loan or Purchase)

Sci-B&M
Apr 67

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RISTOMYCIN, A NEW ANTIBIOTIC FOR INTRAVENOUS
INJECTION (STUDY OF ITS CLINICAL AND PHYSIOLOGICAL
EFFECTS ON PATIENTS WITH SEVERE INFECTIONS), BY
I. G. RUFANOV, YE. A. GOVOROVICH, ET AL , 5 PP.

RUSSIAN, PER, ANTIBIOTIKI, VOL VII. NO 3, 1963,
PP 836-839.

JPRS 21802

SCI - BIOL & MED SCI
NOV 63

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A Comparative Study of Neomycin, Colimycin and
Mycerin by the Counter-current Distribution
Method, by V. M. Baikina, S. M. Mamiofe, T. N.
Rozanova, Z. T. Sinitsina, M. D. Slugina, N. B.
Dzegilenko, 8pp
RUSSIAN, per, Antibiotiki, Vol 8, 1963, No 12,
pp 1059-1064
SIA TT-64-16109

Sci - Bio
May 67

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Use of Aqueous Solutions of Polyvinylpyrrolidone to Prolong the
Action of Penicillin and Streptomycin, by A. V. Kotchetkova,
G. B. Berkengeym, et al, 8 pp.

RUSSIAN, per, Antibiotiki, Vol VIII, No 12, 1963, pp 1100-1105.

JPRS 22754

Sci-Biol & Med
Jan 64

247, 080

ARMY/Bio.Lab

T-559-1

R-8765-D

6 Oct 67

Title: On the Dynamics of Morphological Changes in the
Quinea Pig Organs After Administration of
Penicillin

By: Sevcrova

From: Antibiotiki, 9: pp 44-48, 1964

Russian - Est. for. wds.:

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attached. T-559-1

S-644/64

Symposium on Aerosols, by S. I. Eidel'shteyn.
(AP-710) SF-323,
RUSSIAN, per, Antibiotiki, Vol IX, No 5, 1964,
pp 472-475.
*JPRS

Sci - Biol/Med
Jun 64

Ekamoln Salt of Phenoxymethylpenicillin,
by E. I. Bishara, Ye. N. Lazareva, 8 pp.
RUSSIAN, per, Antibiotiki, Vol IX, No 5, 1964,
pp 403-408.
JPRS 25686

Sci - B & M
Aug 64

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Symposium on Aerosols, by S. I. Eydel'steyn, 5 pp.
RUSSIAN, per, Antibiotiki, Vol IX, No 5, 1964,
pp 472-475.
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Aug 64

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The Influence of Antibiotics of the Function of
the Adrenal Cortex of Guinea Pigs,
by N. A. Ozeretkovskiy, 7 pp.
RUSSIAN, per, Antibiotiki, Vol IX, No 6, 1964,
pp 528-532.
JPRS 26306

Sci - B & M
Sep 64

TT-64-41565

266,775

The Antibacterial Action of Tetracycline and
Furacillin, Individually and Combined, on Bacillus
Dysenteriae Sonne and Flexner in "In Vitro"
Experiments, by M. A. Kimel'blat, 8 pp.
RUSSIAN, per, Antibiotiki, Vol IX, No 6, 1964,
pp 532-537.
JPRS 26306

Sci- b Am
Sep 64

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Quantitative Determination of 6-Azauracil
Riboside, by V.Bulant and M.Urks.
RUSSIAN, per, Antibiotiki, Vol.9, No.6,
pp.545-551,1964.
SLA-TT-66-11646.

Aug 66

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**The Problem of the Continuous Cultivation of
Microorganisms -- Producers of Antibiotics, 18 pp.
RUSSIAN, per, Antibiotiki, Vol IX, No 77, 1964, pp 565-572.
CFSTI TT-66-10885-**

Sci- Biol
Jul 66

305,336_

Further Experiments on Chemotherapy in the
Treatment of Radiation Sickness, by M. A.
Tumanyan, A. V. Izvekova, 6 pp.

RUSSIAN, per, Antibiotiki, № Vol IX, No 8,
Aug 64, pp 719-722.

JPRS 27220

Sci-Biol & Med
Jan 65

271,234

New Method of Isolating Fumagillin. Potassium
Salt and its Biological Properties, by M.N.
Semenov, A.B. Silaev.
RUSSIAN, per, Antibiotiki, Vol. 9, No. 4, 1964,
pp 311-314
NRC/C-5385

Sci -
Aug 67

335-571

ARMY/Bio.Lab

T-557-1

R-8763-D

6 Oct 67

Title: The Effect of Penicillin on the Content of Nucleic
Acids in Vital Organs in Experimental
Streptococcal Infection

By: Zakharova

From: Antibiotiki, 9:pp 646-648, 1964

Russian - Est. for. wds.:

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T-557-1

Radiation Sterilization of Preparations of the
Tetracycline Group and of Some Other Antibiotics,
by V. I. Pochapinskiy, et al, 7 pp.

RUSSIAN, per, Antibiotiki, Vol IX, No 10,
1964, pp 926-930.

JPRS 27558

Sci-Biol&Med
Jan 65

~~JPRS 27567~~
~~XXXXXXXXXX~~ 272,091

Penicillinase Sterilization With Gamma-Radiation
of Radioactive Cobalt (^{60}Co), by S. M. Chaykovskaya,
et al.

RUSSIAN, per, Antibiotiki, Vol IX, No 10, 1964,
pp 930-932 .

JPRS 27558

Sci-Biol and Med
Jan 65

X 272,092

1

Biochemical Mechanisms of the Antibiotic Action
by F. G. Gauze, 7 pp.

RUSSIAN, per, Antibiotiki, Vol IX, No 10,
1964, pp 946-950.

JPRS 27558

Sci-Biol&Med
Jan 65

272,093

A Study of Green Pigments From Some Actin-
omycetous Species by the Method of Paper
Chromatography, by T. P. Preobrazhenskaya
RUSSIAN, per, Antibiotikiy, Vol. 9, no. 11
1964, pp. 963-970.
SCFSTI TT 70-57137

Sci/b&m
Mar 70

(2272-N)

Antibiotics - Experimental Clinical Study, by Z. V.
Yermol'yeva, 7 pp.

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Klinicheskoye Izucheniye, Moscow, 1956, pp 411-414.

US JPRS L-626-N

Sci - Medicine
Feb 59

81,576

ANTIBIOTICS OF THE TETRACYCLINE GROUP, CHAPTERS I &
X VI, BY A. M. CHERNUKH, G. YA. KIVMAN, 38 PP.

RUSSIAN, BK, ANTIBIOTIKI GRUPPY TETRATSIKLINOV,
1962, PP 356, 6-18, 296-316.

JPRS 18970

SCI - BIOL - MED SCI

MAY 63

228,824

Gorodetskaya, A. V.
EXTRACTION METHODS FOR THE PURIFICATION
OF ANTIBIOTICS (Ekstraktsionnye Metody Ochliski
Antibiotikov) tr. by R. Crawford. [1961] [27]p.
65 refs. [NH] no. 6.
Order from OTS or SLA \$2.60 62-15156

Trans. of Antibiotiki; Sborniki Perevodov, Obzorov i
Referatov Inostrannoi Periodicheskoi Literatury
(USSR) 1955, v. 8 [no. 1] p. 3-13.

DESCRIPTORS: *Antibiotics, Purification, Solvent
extraction.

Literature of non-Soviet commercial undertakings
(patents, etc.) is reviewed.

(Biological Sciences--Biochemistry, TT, v. 7, no. 12)

62-15156

I. Gorodetskaya, A. V.
II. NH-6
III. Pergamon Inst. (Gt. Brit.)

Office of Technical Services

Rautenshtein, Ya. L.
THE PHAGE PROBLEM IN THE PRODUCTION OF
ANTIBIOTICS (Problema Fagii v Antibioticheskoi
Promyshlennosti) tr. by R. Cawford. [1961] [22]p.
31 refs. [NH] 8.
Order from OTS or SLA \$2.60 62-15154

Trans. of Antibiotiki; Sborniki Perevodov, Obzorov
(Referatov Inostrannoi Periodicheskoi Literatury
(USSR) 1955, v. 8, [no. 4] p. 3-11.

DESCRIPTORS: *Bacteriophages, *Culture media,
Viruses, Age, *Bacteria, Lysines, *Antibiotics,
Production.

A literature survey.

(Biological Sciences--Microbiology, TT, v. 8, no. 2)

62-15154

- I. Rautenshtein, Ya. L.
- II. NIH-8
- III. Pergamon Inst. (Gt. Brit.)

Office of Technical Services

Use of Antibiotics in Agriculture, by
Z. V. Ermol'eva.

RUSSIAN, bk, Antibiotiki v sel'skom khoziaistve
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Inostrannoi Literatury, Moskva, 1954.

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CTS 72/Sep 1955

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Antifriction Porous Alloys, by Ye. F. Merkulov,
70 pp.
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F100366367-V.
FTD-MT-65-396

Sci-Mat
Dec 67

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Antimatter, by N. A. Vlasov,
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Oct 66

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RUSSIAN, per, Aplikace Matematiky, Vol II, N: 4, 1957

FDD/X-2920

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Applied Mathematics - Test for the Accuracy of
Setting of an Automatic Sorting Machine, by Vladimir
Klega, Jiri Seitz, 16 pp.

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pp 124-140. 9081181

ABC Z-4543

Sci - Math
Oct 61

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**A Portable Apparatus for Electroacup Therapy,
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JPRS DC-5256

**Sci - Med
Mar 61**

141, 220

Instruments for Radiometry in Gaseous and Liquid
Media, by M. N. Pchel'nikov, K. P. Markov, et al.
RUSSIAN, rpt, Apparatura dlya Radiometrii Gazovykh
i Zhidkikh Sred, Moscow, 19 pp.
VAEC

Sci-Phys
May 63

Equipment and Methods of Measurements
During Tests of Rockets, by

A. V. Kantor, 689 pp.

RUSSIAN, bk, Apparatura i Metody
izmereniy Pri Ispytaniyakh Rakot,
Moscow, 1963, pp 1-520. 9698541-V
FTB-M-64-199

JPRS-29603 pp 2-517

Sci - Aero
Nov 65

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SEISMOGRAPHS OF INCREASED SENSITIVITY, BY
D. P. KIRNOS, A. G. MOSKVINA, 11 PP.

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NA SEYSMICHESKIKH STANTXSIYAKH SSSR, MOSCOW
1962, PP 75-80.

JPRS 17189

SCI - PHYS
JAN 63

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Equipment for Trunkline and Intraoblast Long-Distance Semiautomatic Telephone Communications Using a Single-Frequency Signaling Code, by Sh. G. Solov'yev, 65 pp.

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FDD/DC-8839

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Sep 63

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Telemetering Apparatus with Digital Reading
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Tsifrovym Otschetom, 1964, pp 1-123.

*FTD-MT-66-68

Sci-Math & Data
Jul 66

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Telemetry Equipment with Digital Reading. by
I. I. Mikhaylov, 103 pp.
RUSSIAN, bk. Apparatura Teleizmereniya S
Tsifrovym Otschetom, 1964, pp 1-123. F100135068-V
FTD-MT-66-68

Sci-Alec
Jul 68

359.993

(NY-4869)

High-Frequency Telephony Equipment, by K. A.
Krivitskiy, I. P. Paderno, A. M. Pogodin, 252 pp.

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Telefoniroyvaniya, 1959, Chapter VI-XIV, pp 136-272.

JPRS 7157

Sci . Electron

Dec 60

135,634

Germanov, M. M.
APPARATUS ENABLING ORDINARY PRINTED TEXT
TO BE READ BY THE BLIND (POLYPHONIC AND
TACTILE) Apr 61 (17)p. 8 refs. RTS 1823.
Order from OTS or SLA \$1.60 61-19804

Trans. of mono. Apparaty dlya Chleniya Slepym
Obychnogo Tipografeskogo Teksta (Polifonicheskiye i
Taktil'nyye) Sverdlovsk, 1957

DESCRIPTORS: *Reading machines, *Blindness,
*Electronic equipment, *Photoelectric cells, Electronic
scanners.

(Engineering--Electronic, TT, v. 6, no. 2)

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I. Germanov, M. M.
II. RTS-1823
III. Department of Scientific
and Industrial Research
(Gr. Brit.)

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Office of Technical Services

Applicational Generative Model and Transformational
Calculus in the Russian Language, by S. K. Shaumyan,
P. A. Soboleva, 109 pp.

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Model' i Ischisleniye Transformatsiy v Russkom
Yazyke, Moscow, 1963, pp 3-125.
JPRS 26640

Sci - M & DP

Nov 64

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(FID 27637)

In the Pharmacopoeia Committee of the Scientific
Medical Council of the Ministry of Public Health
USSR, 4 pp.

RUSSIAN, bino per, Antechmove Delo, No 2, Moscow,
Mar/Apr 1952, pp 67, 68.

CIA/FID U-8507

38,217

USSR

Sci - Medicine, pharmacology

Quantitative Determination of p-Oxyphenyl-Propionic
Acid, by A. K. Ruzhentseva, N. S. Goryacheva.

RUSSIAN, no per, Aptekhnaya Delo, Vol III, No 5,
1954, pp 7,8.

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Insdoc

Sci - Medicine
Jun 56

Indian National Scientific
Documentation Center, National
Physical Lab of India
Hillside Road, New Delhi 21
12, India India

Shraiber, M.S. and Rubinshtein, B.A.
UNE METHODE DE DOSAGE DE LA NITROGLYCÉRI-
NE DANS LES COMPRIMÉS (Determination of Nitro-
glycerol in Tablets). Sp. CNRS-XXI 71.
Order from OTS, ETC or CNRS \$1.10 TT-62-28896

Trans. fr French of Aptekhnol Delo (USSR) 1954,
v. 3, no. 1, p. 46-47.

DESCRIPTORS: *Nitroglycerin, *Chemical analysis,
Reduction (Chemistry). Hydrogen, Nitrogen
compounds, Hydrogen compounds,

(Biological Sciences--Pharmacology, TT, v. 11, no. 7)

TT-62-28896

- I. Shraiber, M.S.
- II. Rubinshtein, B.A.
- III. CNRS-XXI 71
- IV. Centre National de la Recher-
che Scientifique, Paris

Office of Technical Services
European Translations Centre

(FDD 27839)

Soluble Preparations of Rutin, by T. P. Litvonova,
A. S. Prozorovskiy, 9 pp.

RUSSIAN, bimo per, Apteknoye Delo, Vol. IV, No 5,
Moscow, Sep/Oct 1955, pp 3-6.

CIA/FDD U-8624

USSR

Sci - Medicine, pharmacology

38,899

Aug 56 CTS/DEX

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